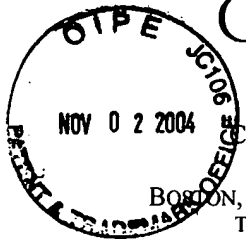


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* Admitted in TX only
** Admitted in CT only

October 28, 2004

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/692,563
For: *SUBSTITUTED TETRACYCLINE COMPOUNDS FOR THE
TREATMENT OF MALARIA*
Inventors: Draper, Michael, *et al.*
Filed: October 24, 2003
Our Ref. No.: PAZ-114CP2

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB/08;
3. Copies of references cited in PTO Form SB/08 (15);
4. A copy of the International Search Report; and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

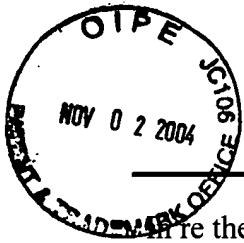
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Alexandria, Virginia 22313-1450 on:

October 28, 2004
Date

Cynthia M. Soroos, Esq. Registration No. 53,623

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Cynthia M. Soroos, Esq.
Registration No. 53,623
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the application of: Draper, Michael, *et al.*

Serial No.: 10/692,563

Filed: October 24, 2003

For: *SUBSTITUTED TETRACYCLINE
COMPOUNDS FOR THE TREATMENT OF
MALARIA*

Attorney Docket No.: PAZ-114CP2

Group Art Unit: 1616

Examiner: Not Yet Assigned

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

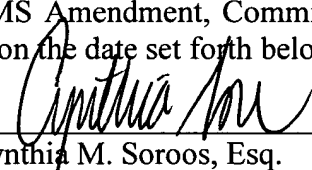
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October 28, 2004

Date of Signature and of Mail Deposit

By:


Cynthia M. Soroos, Esq.
Registration No. 53,623
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. Reference ID No. B18 was cited in an International Search Report dated August 23, 2004 during the prosecution of PCT/US03/33927 which corresponds to the above referenced application. A copy of the report and each cited publication is enclosed. Copies of cited U.S. patents and U.S. publications (Reference ID Nos. A1-A29, B1-B14) are not enclosed with this statement. Copies of foreign

patent documents and non-patent literature (Reference ID Nos. A30-A31, B15-B20, C1-C7) are enclosed in accordance with 37 CFR 1.98(a)(2).

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

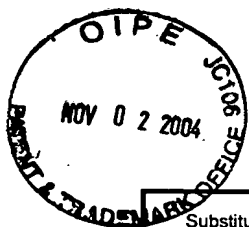


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Date: October 28, 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number	10/692,563
Filing Date	October 24, 2003
First Named Inventor	Draper, Michael
Art Unit	1616
Examiner Name	Not Yet Assigned
Attorney Docket Number	PAZ-114CP2

Sheet 1 of 3

U.S. PATENT DOCUMENTS

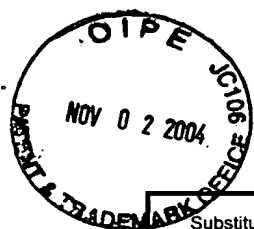
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	2,980,584	04-18-1961	Hammer	
	A2	2,990,331	06-27-1961	Neumann, <i>et al.</i>	
	A3	3,062,717	11-06-1962	Hammer	
	A4	3,165,531	01-12-1965	Blackwood, <i>et al.</i>	
	A5	3,454,697	07-08-1969	Joyner, <i>et al.</i>	
	A6	3,557,280	01-19-1971	Weber, <i>et al.</i>	
	A7	3,674,859	07-04-1972	Beutel, <i>et al.</i>	
	A8	3,957,980	05-18-1976	Noseworthy	
	A9	4,018,889	07-19-1977	Armstrong	
	A10	4,024,272	05-17-1977	Rogalski, <i>et al.</i>	
	A11	4,126,680	11-21-1978	Armstrong	
	A12	5,523,297	06-04-1996	Pruzanski, <i>et al.</i>	
	A13	5,532,227	07-02-1996	Golub, <i>et al.</i>	
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	A15	5,789,395	08-04-1998	Amin, <i>et al.</i>	
	A16	5,834,450	11-10-1998	Su	
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	A22	20020045602	04-18-2002	Nelson, <i>et al.</i>	
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	A24	20020111335	08-15-2002	Nelson, <i>et al.</i>	
	A25	20020115644	08-22-2002	Levy, <i>et al.</i>	
	A26	20020123637	09-05-2002	Levy, <i>et al.</i>	
	A27	20020128237	09-12-2002	Nelson, <i>et al.</i>	
	A28	20020128238	09-12-2002	Nelson, <i>et al.</i>	
	A29	20020132798	09-19-2002	Nelson, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A30	DE 2814974	10-19-1978	Pliva Pharm & Chem Works		
	A31	DE 2820983	10-18-1979	Pliva Pharm & Chem Works		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/692,563
Filing Date	October 24, 2003
First Named Inventor	Draper, Michael
Art Unit	1616
Examiner Name	Not Yet Assigned
Attorney Docket Number	PAZ-114CP2

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		Number-Kind Code ² (if known)			
	B1	20020147182	10-10-2002	Nelson, <i>et al.</i>	
	B2	20020193354	12-19-2002	Nelson, <i>et al.</i>	
	B3	6,500,812	12-31-2002	Nelson, <i>et al.</i>	
	B4	20030055025	03-20-2003	Nelson, <i>et al.</i>	
	B5	20030100017	05-29-2003	Draper, <i>et al.</i>	
	B6	20030125348	07-03-2003	Nelson, <i>et al.</i>	
	B7	20030166585	09-04-2003	Draper, <i>et al.</i>	
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	B9	6,624,168	09-23-2003	Nelson, <i>et al.</i>	
	B10	6,642,041	11-04-2003	Nelson, <i>et al.</i>	
	B11	6,683,068	01-27-2004	Nelson, <i>et al.</i>	
	B12	20040048835	03-11-2004	Nelson, <i>et al.</i>	
	B13	20040063674	04-01-2004	Levy, <i>et al.</i>	
	B14	20040138183	07-15-2004	Nelson, <i>et al.</i>	

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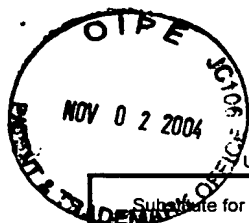
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B15	Clyde, A.F. "Treatment of drug-resistant malaria in man," <i>Bull. World Health Organ.</i> 1974;50(3-4):243-9	
	B16	Colwell, E.J. <i>et al.</i> "Tetracycline treatment of chloroquine-resistant falciparum malaria in Thailand," <i>JAMA</i> 1972 May 1;220(5):684-6	
	B17	Colwell, E.J. <i>et al.</i> "Minocycline and tetracycline treatment of acute falciparum malaria in Thailand," <i>Am. J. Trop. Med. Hyg.</i> 1972 Mar;21(2):144-9	
	B18	COMMITTEE TO ADVISE ON TROPICAL MEDICINE AND TRAVEL. New Drugs For The Prevention And Treatment of Malaria. Canada Communicable Disease Report (CCDR), Volume 26S2, March 200. Pages, 1-6.	
	B19	Lin, Q. <i>et al.</i> "Inhibition of mitochondrial and plastid activity of Plasmodium falciparum by minocycline," <i>FEBS Lett.</i> 2002 Mar 27;515(1-3):71-4	
	B20	Ponnampalam, J.T. "Doxycycline in the treatment of falciparum malaria among aborigine children in West Malaysia," <i>Trans. R. Soc. Trop. Med. Hyg.</i> 1981;75(3):372-373	

Examiner Signature		Date Considered	
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				Application Number	10/692,563
				Filing Date	October 24, 2003
				First Named Inventor	Draper, Michael
				Art Unit	1616
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	PAZ-114CP2

C1	Pradines, B. <i>et al.</i> "Antibiotics for prophylaxis of Plasmodium falciparum infections: in vitro activity of doxycycline against Senegalese isolates," <i>Am. J. Trop. Med. Hyg.</i> 2000 Jan;62(1):82-5	
C2	Pradines, B. <i>et al.</i> "In vitro activities of antibiotics against Plasmodium falciparum are inhibited by iron," <i>Antimicrob. Agents Chemother.</i> 2001 Jun;45(6):1746-50	
C3	Ralph, S.A. <i>et al.</i> "The apicoplast as an antimalarial drug target," <i>Drug Resist. Updat.</i> 2001 Jun;4(3):145-51	
C4	Sponer, U. <i>et al.</i> "Pharmacodynamic interaction of doxycycline and artemisinin in Plasmodium falciparum," <i>Antimicrob. Agents Chemother.</i> 2002 Jan;46(1):262-4	
C5	White, N. "Tetracycline for chloroquine-resistant malaria," <i>Lancet.</i> 1983 Jun 4;1(8336):1271	
C6	Willerson, D. <i>et al.</i> "Effects of minocycline against chloroquine-resistant falciparum malaria," <i>Am. J. Trop. Med. Hyg.</i> 1972 Nov;21(6):857-62	
C7	"Tetracyclines for malaria," <i>Br. Med. J.</i> 1972 Aug 26;3(825):487	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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